

United States Patent [19]

Saxe

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[54] **LIGHT VALVE CONTAINING AN
IMPROVED SUSPENSION, AND LIQUIDS
THEREFOR**

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Related U.S. Application Data

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abandoned.

[51] Int. Cl.⁴ G02B 5/30; G02B 7/12

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[58] Field of Search 350/267, 362; 252/585,
252/582

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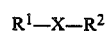
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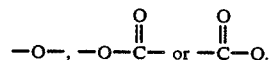
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[57] ABSTRACT

In a light valve, comprising a cell containing a suspension of small anisometrically shaped particles suspended in an electrically resistive liquid suspending medium, said liquid suspending medium having a polymer dissolved therein and bonded to or associated with said particles, the improvement wherein said liquid suspending material comprises a liquid ester or ether of the formula



wherein R^1 and R^2 are as defined herein and X is



9 Claims, No Drawings